



**SYSTEM:** POLYESTER PE52 TRM  
ARCHITECTURAL (MATT)

**COLOUR:** RAL 9011 +/-

**APPEARANCE:** SMOOTH MATT

**GLOSS LEVEL:** 27 ± 5 GU (ISO 2813:1994 - 60°)

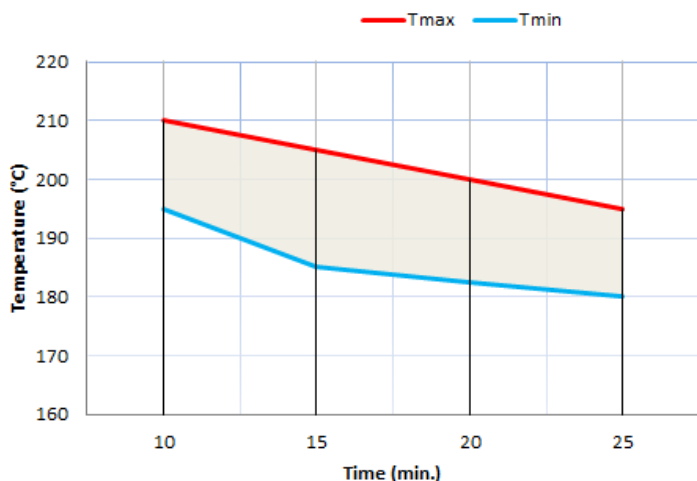


### DESCRIPTION

DS542N8217 is a matt, thermosetting polyester powder coating specifically designed for architectural purposes.



### PROPERTIES OF THE POWDER



**Relative density:** 1.65 ± 0.05 g/cm<sup>3</sup>

**Particle size:**

Optimized for electrostatic application and in function of coating aspect

**Storage:**

Dry, max. 25 °C: at least 36 months from production date

**Application / Layer thickness:**

With Corona or Tribo gun / 60 - 80 µm

**Curing schedule (metal temperature):**

10 min - 200 °C



### PROPERTIES OF THE COATING

|                     |                                        |                 |
|---------------------|----------------------------------------|-----------------|
| Substrate           | Chromated aluminum (0,6 mm), degreased |                 |
| Curing schedule     | 10 min - 200 °C                        |                 |
| Film Thickness      | 60 - 80 µm                             |                 |
| Adhesion            | Gt = 0                                 | (ISO 2409:2007) |
| Buchholz hardness   | ≥ 80                                   | (ISO 2815:1973) |
| Pencil hardness     | H - 2H                                 | (ASTM D3363-00) |
| Clemen hardness     | ≥ 3 kg                                 | (ISO 1518:1992) |
| Erichsen test       | ≥ 5 mm                                 | (ISO 1520:1993) |
| Direct Impact       | ≥ 25 kg.cm                             | (ISO 6272:1993) |
| Reverse Impact      | ≥ 25 kg.cm                             | (ISO 6272:1993) |
| Conical Mandrel     | ≤ 20 mm                                | (ISO 6860:1984) |
| Cylindrical mandrel | ≤ 5 mm                                 | (ISO 1519:1973) |



## CERTIFICATIONS

---



**QUALICOAT**  
**Class 1, Gloss category 1**

[www.qualicoat.net](http://www.qualicoat.net)



**QUALISTEELCOAT**  
**HD2, MS2**

[www.qualisteelcoat.net](http://www.qualisteelcoat.net)



## ADDENDUM

---

To guarantee an optimal adhesion and corrosion protection, depending on the substrate; an optimal pre-treatment must be applied.

For more information, see our anti-corrosion performance matrix or contact Protech-Oxyplast.

DS542N8217 is not compatible with other standard polyester powder coatings, a good cleaning of the spraying equipment is needed.

*This information is given in good faith. A warranty, expressed or implied, cannot be supplied as results may vary depending on application conditions.*